THIRD-ORDER LEVELING MATIONAL GEODETIC VERTICAL DATUM OF 1929

38-082-33
WEBBYILE QUADRANGLE
161 KENTUCKY
#3800-W8245/15
DIAGRAM RJ 17-4
MMITINGTON

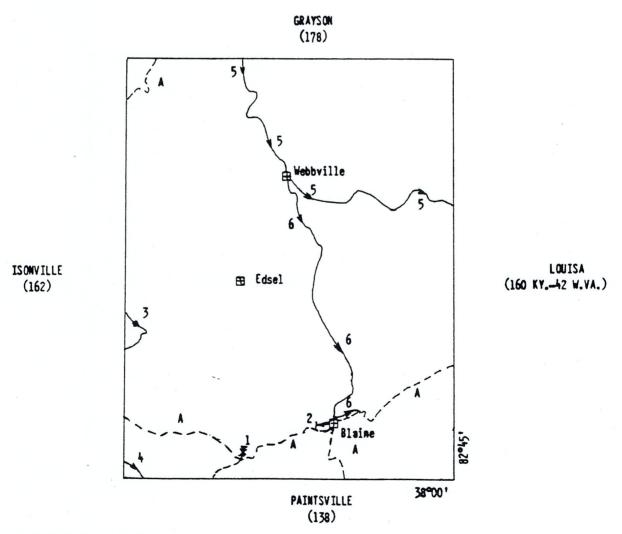
UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Carter, Elliott and Lawrence Counties

Final adjustment of 1973

Edition of 1/19/77

PR: LFB/mjh



MGS (USCAGS) VERTICAL CONTROL DATA

A. Quadrangle 380823

INDEX OF PERMANENT MARKS

| MARK (8262) | PAGE | E NO. NA | BK (8262) | 2 | AGE NO. |
|-------------------|------|---------------|-----------------|---|----------|
| 625 K 1900 | | 3 TV / | A TT 16 NY 1952 | | 4 |
| 630 K 1900 | | | A TT 17 NY 1952 | | 7 |
| 646 K 1900 | | | A TT 18 NY 1952 | | 7 |
| 650 K 1900 | | | A TT 19 NY 1952 | | 7 |
| 698 K 1900 | | | NY 1952 | | <i>'</i> |
| 736 K 1900 | | | NY 1952 | | 2 |
| 916 K 1900 | | | NY 1952 | | 2 |
| TT 9 HF 1949 715 | | | NY 1952 | | 2 |
| TVA TT 10 NY 1952 | | 4 | 2//2 | | כ |
| TVA TT 11 NY 1952 | | 4 MGS | | | |
| TVA TE 12 NY 1952 | | 4 | • | | |
| TVA TT 13 NY 1952 | | 6 69 | 2 1935 677.351 | | 7 |
| TVA TT 14 NY 1952 | | | 1935 654.680 | | , |
| TVA TT 15 NY 1952 | | 6 | £ 1777 0776000 | |) |

| WEBBVILLE QUADRANGLE 161 KENTUCKY Reek 8086 | 38-08 2-33 |
|---|-------------------------------|
| ISOLATED BENCH MARKS (By J. E. Buford, 1900; Beek 8086) | <u>Feet</u> |
| Willard, 0.3 mi E. of station; at NE. corner of RR. bridge No. 15 ever Bry Fork; in bridge seat; standard tablet stamped "625 K 1900" (Reported not found, 1953) | 624.532 |
| Webbville, 5.8 mi S. of, S. of small house standing nearby; 200 ft S. of rd. forks; on W. side of, and 30 ft from conter of rd.; in sandstone lodge; standard tablet stamped *916 K 1900* (Reported not found, 1953) | 914.996 |
| Cherekee, 0.5 mi M. of mouth of Cherokee Creek, E. of rd., S. of small house; in sandstone ledge; standard tablet stamped "646 K 1900" (Reported destroyed, 1953) | 6 4 5 .6 59 |
| Fielden, 2.0 mi E. of; at Pennington's store; near mouth of Murricane Creek; on S. side of rd.; in foundation under NE. corner of house of W. L. Pennington; standard tablet stamped "698 K 1900" (Reported not found, 1953) | 696.98 5 |
| Willard, 5.0 mi SW. of; on W. bank of Little Fork Creek; 0.5 mi M. of house of Levi Pennington; in sandstone ledge between public rd. and creek; standard tablet stamped "650 K 1900" | 61 9.793 |
| Irad, 2.0 mi SW. of; 0.25 mi. E. of log schoolhouse; on M. bank of Blaine Creek; on S. side of, and 5 ft from center of rd. W. of house standing mearby; in large sand rock; standard tablet stamped *630 K 1900** (Reported destroyed, 1953) | 629.817 |
| LINE 1. | |
| By R. P. Willingham, 1936; Beck B6706 | |
| C 92 1935 677.351 (NGS) | 677.351 |
| Martha, 0.4 mi N. ef; en E. side of, and 25 ft higher than rd.; 36 ft N. ef eak tree en same side of rd.; in sandstene ledge; standard tablet stamped "736 K 1980" (Reported net found, 19 | 53) 735.613 |
| LINE 2. | |
| By R. P. Willingham, 1936, Book B6706 | |
| "H 92 1935 654.680" (NGS) | 654.680 |
| U. E., Blaine, O.3 mi W. of; at MW. corner of hey. bridge over Blaine Creek, on bridge seat; chiseled mark | 656.06 |
| LINE 3. | |
| By E. O. Miner, 1949; Book AV 100 | |
| Culver, 0.8 mi N. of post office, 24 ft S. and 41 ft W. of Y-rd. junction, 13 ft S. of middle of Green Branch, about 500 ft E. of Culver School, 2 ft S. and 4 ft W. of fence corner, in concrete post; standard tablet stamped WTT 9 HF 1949 715" (Reported not found, 1953) | 715 . 5 1 2 |
| U. E., 50 ft E. of Culver P. O., on E. and of N. headwall of concrete culvert; chiseled square | 725.44 |

LINE 3 (Cont'd.)

Feet

U. E., on NE. and of NV. headwall of concrete culvert; chiseled square

740.03

LINE 4.

By E. O. Miner, 1949, Book AV 100

U. E., at E. edge of cleared field, 100 ft W. of sawdust pile, in M. base of ½ ft yellow peplar; spike mail

801.61

LINE 5. (Not of Third-Order Accuracy)

By TVA, 1953

U.E., Mitchins, 2.7 mi S. of post office; on State Nighway 1 right—of—way; 11 ft W. of centerline of rd. at S. end of bridge, and 50 ft S. of centerline of creek; on SW. corner of S. concrete bridge abutment; on wooden bridge across Muff Creek; chiseled square

614.95

Willard, 1.8 mi N. of post office, along State Highway 1; 35 ft W. of centerline of hwy.; 350 ft S. of steel bridge on Highway 1; 150 ft SE. of coal leading chute; 132 ft W. of NW. corner of brick siding building; 16 ft ESE. of 30—in. elm tree; in concrete post; standard tablet stamped "TVA TI 10 NY 1952"

622.04

Reference mark; 176 ft SE. of tablet; on highest point of 50-by 10-ft sandstone rock; painted square

623.41

W.E., Willard, O.5 mi N. of post office; on State Highway 1; 15 ft E. of centerline of rd. at N. end of steel bridge; on NE. corner of N. bridge abutment; painted square

622.73

Willard, 1.1 mi SE. of post office, along State Highway 1; 1.8 mi NW. of Webbville; 16 ft E. of centerline of Highway 1; 70 ft SE. of junction of Y-rd.; 60 ft N. of center of bridge over stream; 36 ft N. of mail in guy pole; 10 ft NNW. of mail in power pole; in concrete post; standard tablet stamped "TVA TT 11 NY 1952"

634.18

8.E., Willard Post Office, 2.5 mi S. of; 0.7 mi N. of Webbville Post Office, on State Mighway 1 right—of-way; 80 ft N. of swinging bridge; 30 ft W. of centerline of rd.; about 250 ft N. of large barn; in E. side of 3—in. sycamore tree; 18 in. above ground; iron pin

638.60

Webbville, 250 ft M. of post office, along State Highway 1; 30 ft E. of and level with centerline of hwy. at junction of State Highway 201 W.; 85 ft E. of centerline of Mighway 201; 64 ft E. of SE. corner of steel bridge over Bry Fork; 56 ft SSW. of SW. corner of church; 29 ft M. of W. end of concrete walkway to large two-story house; in concrete post; standard tablet stamped MTVA TT 12 NY 1952**

649.33

W.E., Webbville Post Office, 0.9 mi SE. of, on State Mighway 1; 30 ft NE. of and 3 ft above centerline of rd.; about 60 ft E. of centerline of rd. over drain; in sandstone outcrop; chiseled square

664.49

656.95

7

643.51

645.71

LINE 6 (Cont'd.) Webbville, 2.0 mi S. of post office, along State Nighway 201; 700 ft S. of farmhouse; 101 ft SSW. of mail in 12-in. oak tree; 45 ft SW. of mail in 16-in. post oak tree; 30 ft ME. of junction of Y-rd.; in concrete post; standard tablet stamped "TVA TT 13 NY 1952" Reference mark; 22 ft NW. of tablet; on E. end of 14-in. concrete culvert; chiseled cross U.E., Webbville, 3.1 mi SW. of post office, along State Highway 201; at old Kentucky Mome School; on school property; 80 ft SW. of centerline of T-rd. W.; on NE. corner of top of concrete step of old Kentucky Home School; chiseled cross Webbville, 3.9 mi S. of post office, along State Highway 201; 200 ft E. of one and one-half white frame residence of Ray Campbell; 88 ft SE, of mail in 24-in, poplar tree; 9 ft WRW, of mail in 7-in. white oak tree; in concrete post; standard tablet stamped "TVA TI 14 NY 1952" Reference mark; 55.6 ft NW. of tablet; on SE. corner of E. headwall of concrete culvert; chiseled cross U.E., Webbville, 5.0 mi S. of post office; 0.6 mi N. of post office in Mouckville, along State Mighway 201, on Blaine to Webbville rd., set at eld sawmill site, about 0.2 mi N. of white frame house, and about 0.2 mi S. of crest of hill where rd. goes through daddle; on W. end of 24-in. concrete culvert; chiseled cross Mowckville, 0.6 mi S. of post office, along State Highway 201; 6.1 mi S. of Webbville; 20 ft W. of centerline of hwy.; 225 ft E. of two-story white house; 86 ft NW. of mailbox; 85 ft NE. of feotbridge; 5 ft SE, of nail and cross in fencepost; in concrete post; standard tablet stamped "TVA TT 15 NY 1952" Reference mark; 66.35 ft NE. of tablet; on NW. corner of large limestone boulder; chiseled square W.E., Webbville, 7.1 mi S. of post office; 1.5 mi S. of post office at Houckville, along State Mighway 201; about 0.2 mi S. of church; 13 ft W. of centerline of rd.; 200 ft M. of conterline of Y-rd. intersection, at S. end of 20-ft cut; on E. side of rd.; on E. side of 16-in. white oak 1.5 ft above ground; iron pin 674.05 Mouckville, 2.8 mi S. of; 200 ft N. of post office at Cherokee, along State Mighway 201;

150 ft NV. of large two-stery white house; 80 ft NV. of and 2.5 ft lower than dunction of I-rd. W.; 35 ft W. of centerline of hwy.; 58 ft SW. of nail in 8-in. sycamore tree; 44 ft NE. of chiseled cross on NW. corner of W. concrete headwall of culvert: 24 ft NW. of mail in 36-in, sycamore tree; in concrete post; standard tablet stamped "TVA TT 16 NY 1952"

Reference mark; 44.5 ft SE. of tablet; on NW. corner of W. headwall of concrete culvert; chiseled cross

W.E., Cherokee Post Office, 1.1 mi S. of, along State Mighway 201; 3.7 mi N. of post office in Blaine; 60 ft SW. of centerline of Y-rd.; on NW. corner of bridge across Mood Creek; rivet head 4th from bottom of E. row of rivets on MW. corner of steel bridge; painted rivet 645.02

| ACCURATION OF THE PROPERTY OF | 70-0 02 ¹⁰⁰ |
|---|---|
| | Feet |
| ag State Mighway 201; at S. end of cut on E. edge of a wer than centerline of hwy.; W. of mail in 6—in. elm se; in concrete post; standard tablet stamped | rd. |
| | 646.03 |
| e rock outcrep ME. of tablet; chiseled square | 651.17 |
| , along State Highway 201; 50 ft S. of E. end of swing 50 ft MW. of centerline of Y-rd.; 40 ft SE. of center ore 1.0 ft above ground; iron pin | ging line 644.44 |
| g State Mighway 201; 60 ft SE. of and level with junct Tencepost; W. of mail in 18-in. whlmut tree; E. of mai st; standard tablet stamped "TVA TT 18 NY 1952" | |
| advall of concrete culvert, due N. of tablet; chiseled | d 647. 9 9 |
| g State Highway 32; 206 ft SW. of junction of Brushy ne of graveled rd.; 93 ft SW. of nail and cap in power se; 1 ft SE. of fenceline; at edge of cultivated field | |
| | wer than centerline of bwy.; W. of mail in 6-in. elm se; in concrete post; standard tablet stamped e rock outcrep NE. of tablet; chiseled square , along State Highway 201; 50 ft S. of E. end of swin. 50 ft NW. of centerline of V-rd.; 40 ft SE. of centerline l.0 ft above ground; iron pin g State Mighway 201; 60 ft SE. of and level with junctioncepost; W. of mail in 18-in. whilmut tree; E. of mail in 18-in. whilmut tree; E. of mail is; standard tablet stamped "TVA TT 18 NY 1952" advall of concrete culvert, due N. of tablet; chiseled g State Highway 32; 206 ft SW. of junction of Brushy ne of graveled rd.; 93 ft SW. of mail and cap in power |

HORIZONTAL CONTROL NORTH AMERICAN DATUM OF 1927

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

38-082-33
WEBBVILLE QUADRANGLE
161 KENTUCKY
M3800-W8245/15
DIAGRAM NJ 17-4
HUNTINGTON

Boyd, Carter, Elliott and Lawrence Counties

Edition of 1/21/77

PR: CRV/rmm

ISONVILLE (162)

Plane coordinates are based on Lambert projection, Kentucky, North Zone

Only the permanent marks are listed for control classified obsolete and are not shown on sketch

| | GRAYSON (178) | | | |
|----|------------------|-----------------|--------|------------------|
| | | 9 | | |
| | | | | |
| # |] Webbville | | | |
| | | | | |
| | | | | LOUISA |
| · | | | | (160 KY42 W.VA.) |
| | | | - | |
| * | | | × | |
| | | | 820451 | |
| PA | INTSVILLE | 38 °00 ' | | |

DISCLA IMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

| MARK (USGS) | PAGE NO. |
|------------------------------|---------------------------------|
| TT 3 HF 1949 TT 9 HF 1949 | 3 3 4 3 3 3 3 |
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| TVA TT 12 NY 1952 | 3 |
| TVA TT 13 NY 1952 | 3 |
| TVA TT 14 NY 1952 | 3 |
| TVA TT 15 NY 1952 | 4 |
| TVA TT 16 NY 1952 | |
| TVA TT 17 NY 1952 | 4 5 4 |
| TVA TT 18 NY 1952 | 4 |
| TVA TT 19 NY 1952 | 4 |
| TVA #T 35 NY 1952 | 4 |
| TVA TT 36 NY 1952 | 4 |
| TVA TT 37 NY 1952 | 4 |
| MGS | |
| M 123 1940 | 3 |

MOITATZ DESCRIPTION PLANE COORDINATES. FEET

LATITUDE 0 1 11 LONGITUDE 0 1 11

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By H. P. Finch, 1949; Book AH 136

Bruin, 4.5 mi NE. of, along State Highway 7; 600 ft W. of junction of T-rd. N.; 23 ft S. of centerline of hwy.: in concrete post: standard tablet stamped "TT 3 HF 1949" (Reported destroyed, 1953)

X = 2.361.625

Y = 268,805

38 13 52.96

82 59 27.82

Bruin, 4.4 mi NE. of post office, along State Highway 7; 300 ft NE. of curve and pine grove NW. of hwy.; 17 ft SE. of centerline of hwy.; in N. end of E. concrete headwall of culvert; NGS standard disk stamped 'M 123 1940"

X = 2.361.121

Y = 268.961

38 13 54.57

82 59 34.11

Culver, 0.8 mi NE. of post office, along State Highway 486; 24 ft S. and 41 ft W. of centerline of hwy. at junction of Y-rd. NW.; 500 ft E. of Whites Creek School; 13 ft S. of Greens Branch; 2 ft S. and 4 ft W. of corner fencepost; in concrete post; standard tablet stamped "TT 9 HF 1949 715" (Not found, 1953)

X = 2.364.761

Y = 217.068

38 05 21.12

82 58 57.44

By M. L. Bennett (TVA), 1952; Fieldbooks MS 30207.30357

Willard, 1.1 mi SE. of post office, along State Highway 1; 1.8 mi NW. of Webbville; 16 ft E. of centerline of Highway 1; 70 ft SE. of junction of Y-rd.; 60 ft N. of center of bridge over stream; 36 ft N. of nail in guy pole; 10 ft NNW. of nail in power pole; in concrete post; standard tablet stamped "TVA TT 11 NY 1952"

X = 2.390.692 Y = 257.692

38 11 59.02

82 53 25.64

Webbville, 250 ft N. of post office, along State Highway 1; 30 ft E. of and level with centerline of hwy. at junction of State Highway 201 W.; 85 ft E. of centerline of Highway 201; 64 ft E. of SE. corner of steel bridge over Dry Fork; 56 ft SSW. of SW. corner of church; 29 ft N. of W. end of concrete walkway to large two-story house; in concrete post; standard tablet stamped "TVA TT 12 MY 1952"

X = 2,396,193 Y = 250,345

38 10 45.59

82 52 18.11

Webbville, 2.0 mi S. of post office, along State Highway 201; 700 ft S. of farmhouse; 101 ft SSW. of nail in 12-in. oak tree; 45 ft SW. of nail in 16-in. post oak tree; 30 ft NE. of junction of Y-rd.; in concrete post; standard tablet stamped "TVA TT 13 NY 1952"

X = 2.397.604

Y = 241.976

38 09 22.66

82 52 02.01

Webbville, 3.9 mi S. of post office, along State Highway 201; 200 ft E. of and 1.5 story white frame residence of Ray Campbell; 88 ft SE. of nail in 24-in. poplar tree; 9 ft WNW. of nail in 7-in. white oak tree; in concrete post; standard tablet stamped "TVA TT 14 NY 1952"

X = 2.403.039

Y = 234,247

38 08 05.44

82 50 55.45

STATION DESCRIPTION PLANE COORDINATES. FEET

LATITUDE 0 1 11 LONGITUDE 0 1 11

OBSOLETE MARKS (Cont'd.)

Houckville, 0.6 mi S. of post office, along State Highway 201; 6.1 mi S. of Webbville; 20 ft W. of centerline of hwy.; 225 ft E. of two-story white house; 86 ft NW. of mailbox; 85 ft NE. of footbridge; 5 ft SE. of nail and cross in fencepost; in concrete post; standard tablet stamped "TVA TT 15 NY 1952"

X = 2,400,955 Y = 223,172

38 06 16.29

82 51 23.63

Houckville, 2.8 mi S. of; 200 ft N. of Cherokee Post Office; along State Highway 201; 150 ft NW. of large twostory white house; 80 ft NW. of and 2.5 ft lower than junction of I-rd. W.; 35 ft W. of centerline of hwy.; 558 ft SW. of nail in 8-in. sycamore tree; 44 ft NE. of chiseled cross on NW. corner of W. concrete headwall of culvert; 24 ft NW. of nail in 36-in. sycamore tree; in concrete post; standard tablet stamped "TVA TT 16 NY 1952"

X = 2,406,254 Y = 213,632

38 04 41.18

82 50 19.16

Blaine, 2.6 mi NE. of post office, along State Highway 201; at S. end of cut on E. edge of rd. at curve; 32 ft E. of, and 2.5 ft lower than centerline of hwy.; W. of nail in 6-in. elm tree; NE. of nail in 10-in. maple tree; in concrete post; standard tablet stamped "TVA II 17 NY 1952"

X = 2.410.592 Y = 204.595

38 03 11.20

82 49 26.67

Blaine, 0.7 mi N. of post office, along State Highway 201; 60 ft SE. of and level with junction of I-rd. E.; 4 ft NW. of NW. corner fencepost; W. of nail in 18-in. walnut tree; E. of nail in 8-in. walnut tree; in concrete post; standard tablet stamped "TVA II 18 NY 1952"

X = 2.405.879

Y = 197.925

38 02 05.98

82 50 26.86

Willard, 1.8 mi M. of post office, along State Highway 1; 35 ft W. of centerline of hwy.; 350 ft S. of steel bridge on Highway 1: 150 ft SE. of coal loading chute: 132 ft W. of NW. corner of brick siding building: 16 ft ESE. of 30-in. elm tree; in concrete post; standard tablet stamped "TVA II 10 NY 1952"

X = 2.386.659 Y = 259.245

38 13 53.81

82 54 14.04

Baline, 2.0 mi E. of post office, along State Highway 32; 206 ft SW. of junction of Brushy Creek Road S.; 13 ft SE. of centerline of graveled rd.; 93 ft SW. of nail and cap in power pole; 52 ft WNW. of E. corner of house; 1 ft SE. of fenceline; at edge of cultivated field; in concrete post; standard tablet stamped "TVA TT 19 NY 1952"

X = 2.413.294

Y = 195.828

38 01 44-12

82 48 54.60

Dennis, 4.2 mi SW. of school, along State Highway 828; 20 ft NW. of centerline of hwy.; 150 ft SW. of centerline of rd. at drain; 100 ft ME. of ME. end of cut on SE. side of rd.; 84 ft NNW. of 8-in. poplar tree; 80 ft ESE. of 10-in. pear tree; 50 ft NE. of old log barn; in sandstone outcrop; standard tablet stamped "TVA TT 37 NY 1952"

X = 2.418.440 Y = 230.189

38 07 22.97

82 47 43.52

STATION

DESCRIPTION

PLANE COORDINATES, FEET

LATITUDE 0 1 #

LONGITUDE 0 1 11

OBSOLETE MARKS (Cont'd.)

Dennis, 2.5 mi SW. of school, along State Highway 828; 25 ft N. of centerline of hwy.; on property of A. Crabtree; 150 ft NE. of, and across rd. from sawmill site; 56 ft E. of 20-in. white oak tree; 52 ft ENE. of N. end of concrete pipe culvert; 49 ft WSW. of SW. corner of coal chute; 9 ft SE. of SE. corner of house; in concrete post; standard tablet stamped "TVA II 36 NY 1952"

X = 2.422.974

Y = 236.857

38 08 28.18

82 46 45.45

Dennis, 0.8 mi SW. of school, along State Highway 828; 89 ft N. of dim crossroad; 18 ft W. of centerline of hwy.; on property of Jim Compton; 250 ft S. of low rock bluff on W. side of rd.; 200 ft N. of house; 122 ft N. of 12-in. balm-of-Gilead tree; 10 ft E. of picket fencepost; in concrete post; standard tablet stamped "TVA TT 35 NY 1952"

X = 2,429,741

Y = 239,718

38 08 55.37

82 45 20.19